

10/587982

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Attorney Docket No. 1454.1729

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Gerald Eckstein et al.

Application No.: Unassigned

Group Art Unit: Unassigned

Filed: August 3, 2006

Examiner: Unassigned

For: METHOD FOR DISPOSING A CONDUCTOR STRUCTURE ON A SUBSTRATE, AND  
SUBSTRATE COMPRISING SAID CONDUCTOR STRUCTURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
- 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
- 1d. ☐ English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).
- 1g. ☐ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☒ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2)

- 2b. ☐ set forth in the application.  
2c. ☐ satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete or relevant portion(s)) attached thereto.  
2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: August 3 2006  
1201 New York Ave., N.W., 7th Floor  
Washington, D.C. 20005  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

By: Mark J. Henry  
Mark J. Henry  
Registration No. 36,162

**ATTACHMENT 1(e)**

<b>EXPLANATIONS OF RELEVANCY OF REFERENCES</b>	ATTORNEY DOCKET NO.	APPLICATION NO.
	1454.1729	Unassigned
	FIRST NAMED INVENTOR	
	Gerald Eckstein et al.	
	FILING DATE	GROUP ART UNIT
	August 3, 2006	Unassigned

- US 2005/0148174 is equivalent to DE 102 20 194 A1 and WO 03/094226 A2
- US 2003/0228467 is equivalent to DE 102 17 362 A1
- US 2003/0046809 is equivalent to DE 101 44 704 A1
- US 2004/0233649 is equivalent to DE 101 27 351 A1

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **2**

### Complete if Known

Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	Dr. Gerald Eckstein
Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	2004P00837WOUS

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-2005/0148174 A1	07-07-2005	Unger et al.	
	2	US-2004/0233649 A1	11-25-2004	Honlein et al.	
	3	US-2003/0228467 A1	12-11-2003	Liebau et al.	
	4	US-2003/0046809 A1	03-13-2003	Mergenthaler	
	5	US-5,567,656	10-22-1996	Chun	
		US-			
		US-			
		US-			
		US-			

### FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	=1	DE 102 20 194 A1	11-27-2003	Infineon Technologies AG		
	=3	DE 102 17 362 A1	11-13-2003	Infineon Technologies AG		
	=1	WO 03/094226 A2	11-13-2003	Infineon Technologies AG		
	6	WO 03/037791 A1	05-08-2003	Siemens AG		X
	=4	DE 101 44 704 A1	03-27-2003	Infineon Technologies AG		
	=2	DE 101 27 351 A1	12-19-2002	Infineon Technologies AG		
	7	EP 1 100 297 A2	05-16-2001	Electrovac		X
	8	WO 00/73204 A1	12-07-2000	Commonwealth Scientific		

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	Dr. Gerald Eckstein
Group Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	2004P00837WOUS

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	9	Andreas Hirsch, "Funktionalisierung von einwandigen Kohlenstoffnanoröhren", Angewandte Chemie, 2002, Vol. 114, No. 11, Wiley-VCH Verlag GmbH, 69451 Weinheim, Germany, pp 1933- 1939	X
	10	Pulickel M. Ajayan and Otto Z. Zhou, "Applications of Carbon Nanotubes", Carbon Nanotubes, Topics Appl. Phys. 80, pp 391-425 (2001), Springer Verlag Berlin Heidelberg	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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